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On the cover: Photomicrograph of crystals of vitamin B₁. (Dennis Kunkel, University of Hawaii)

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ment of matter as a function of time led of mas 'tranz'for , rat }
mass transport [FL MECH] 1. Carrying of loose materials in
a moving medium such as water or air. 2. The movement of
fluid, especially water, from one place to another. { 'mas
'tranz'port }

mass units [MECH] Units of measurement having to do with masses of materials, such as pounds or grams. { 'mas 'yü'

nəts }

mass velocity [FL MECH] The weight flow rate of a fluid divided by the cross-sectional area of the enclosing chamber or conduit; for example, lb/(h·ft²). { 'mas və, läs·əd·ē }

mass wasting [GEOL] Dislodgement and downslope transport of loose rock and soil material under the direct influence of

gravitational body stresses. { 'mas wāstin }

mast [ENG] (1. A vertical metal pole serving as an antenna or antenna support. (2. A slender vertical pole which must be held in position by guy lines. (3. A drill, derrick, or tripod mounted on a drill unit, which can be raised to operating position by mechanical means. (4. A single pole, used as a drill derrick, supported in its upright or operating position by guys. [MECH ENG] (A support member on certain industrial trucks, such as a forklift, that provides guideways for the vertical movement of the carriage. [NAV ARCH] (A long wooden or metal pole or spar, usually vertical, on the deck or keel of a ship, to support other spars which in turn support or are attached to sails, as well as derricks. (mast)

mast-, masto- [ANAT] A combining form denoting breast;

denoting mastoid. { mast, 'mas·dō }

Mastacembeloidei [VERT ZOO] The spiny eels, a suborder of perciform fishes that are eellike in shape and have the pectoral girdle suspended from the vertebral column. { ,mas·tə,sem·bə'loid·ē,ī}

mastalgia [MED] Pain in the breast. { ma'stal·jə }
mastatrophy [MED] Atrophy of the breast. { mast'a·trə·fē }
mastax [INV ZOO] The muscular pharynx in rotifers.

{ 'ma, staks }